

* SWBAT define pressure, terminal velocity, and friction

Sep 6-2:31 PM

Welcome!!!

SECA Physics
Monday 28 October 2013

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- * Pick up:
 - slip of paper (for later)
 - worksheet

Centering...

Opening Question:

If you are on thin ice and worried about breaking through, should you walk on your tip toes, walk normal, or flatten yourself out on the ice and crawl?

Why did you pick that?

SPREAD OUT
WEIGHT
PRESSURE

Sep 7-7:04 AM

Reading Jigsaw!

Pick a card, any card...

(or start on triple the work alone...)

First read a section and take notes on your own:



Hearts:

- Read 6.4 on pg 90-91 (including "Link to Technology")
- Complete the worksheet on **FRICTION**



Diamonds:

- Read 6.5 on pg 91-92
- Complete the worksheet on **PRESSURE**



Clubs:

- Read pg 96-97 (including "Link to Life Science")
- Complete the worksheet on **TERMINAL SPEED**

Now get in groups with people who read the SAME thing as you...

Sep 20-1:38 PM

Now share what you learned:

- Meet with people who had the same number as you
- Share with your group what you learned
 - First Hearts - Friction
 - Next Diamonds - Pressure
 - Then Clubs - Terminal Speed
- * Take **notes** on the stuff you didn't read about

Sep 21-2:13 PM

What did we find out?

Friction

FORCE
FROM

CONTACT = TOUCHING

CONCRETE
BARRIER

STREAMLINING
CARS

Pressure

$$P = \frac{\text{FORCE}}{\text{AREA}}$$

BED OF
NAILS

Terminal Speed

STOPS ACCELERATING



FLYING SQUIRREL/
SNAKE

Sep 24-6:45 AM

Daily 3 Questions

"Participation" ?

- * Every day except test/project days
- * 3 Questions on the topics of the day
- * Main source of daily points
- * I am happy to give credit when I have no concerns about someone giving or getting help with the answers.

You can't get your points if you don't have your **NAME!!!**

Name	Period
1.	
2.	
3.	

Sep 9-7:32 AM

1. An object **stops accelerating** because the force of gravity is balanced with the force of air pressure:

- A. Friction
- B. Pressure
- ☒ C. Terminal Speed

2. Defined as the amount of force **per** unit of **area** that the force is applied:

- A. Friction
- ☒ B. Pressure
- C. Terminal Speed

3. A force from two materials being in **contact** with each other:

- ☒ A. Friction
- B. Pressure
- C. Terminal Speed

Sep 14-7:28 AM